SINGLE COMPUTER VISION SYSTEM

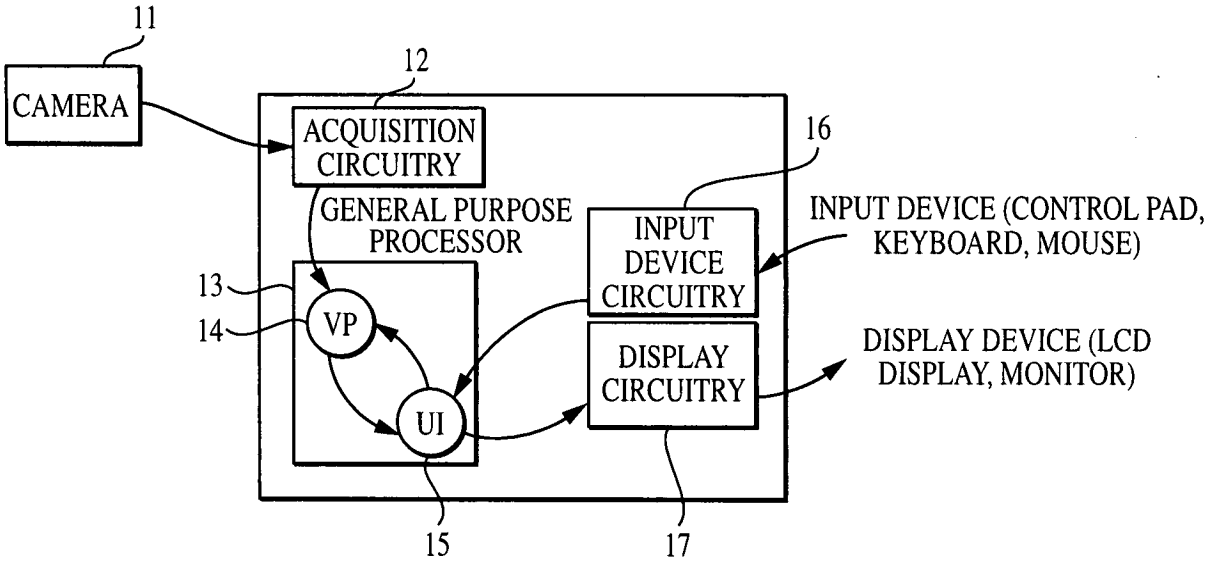


FIG. 1
PRIOR ART

OIPE JC8 MAR 07 2005 PATENT & TRADEMARK OFFICE

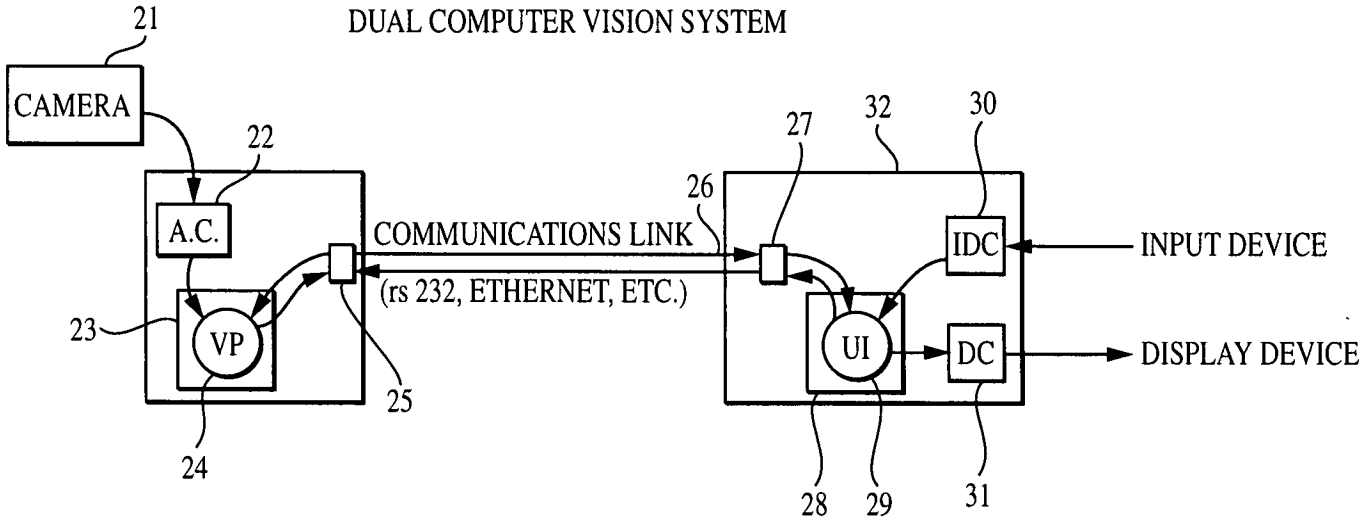


FIG. 2
PRIOR ART

UI CONNECTING TO MANY VP'S VIA A NETWORK

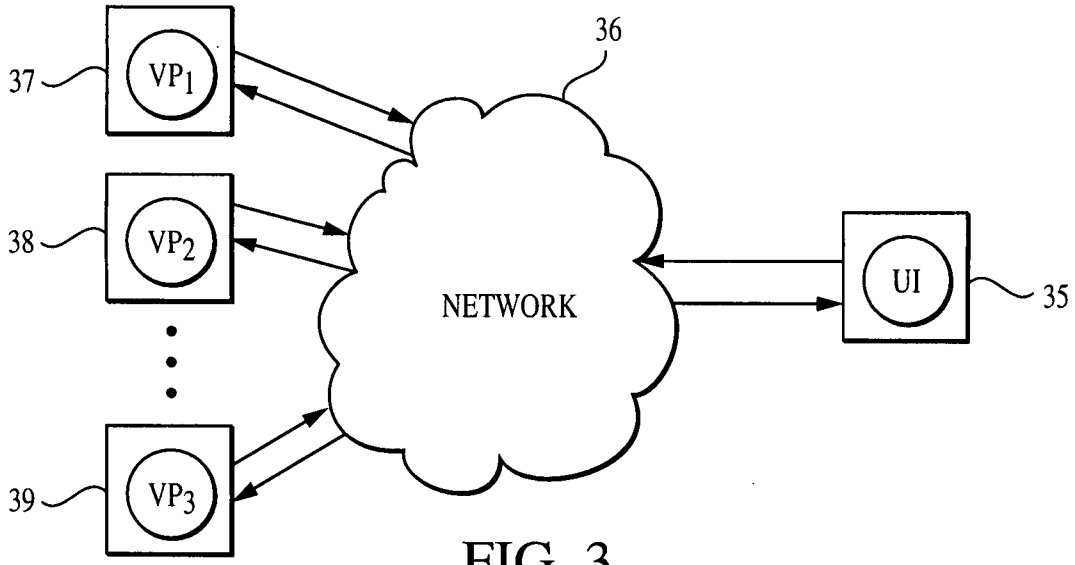


FIG. 3

CONNECTION, CONFIGURATION, AND MONITORING BY A DEVELOPER

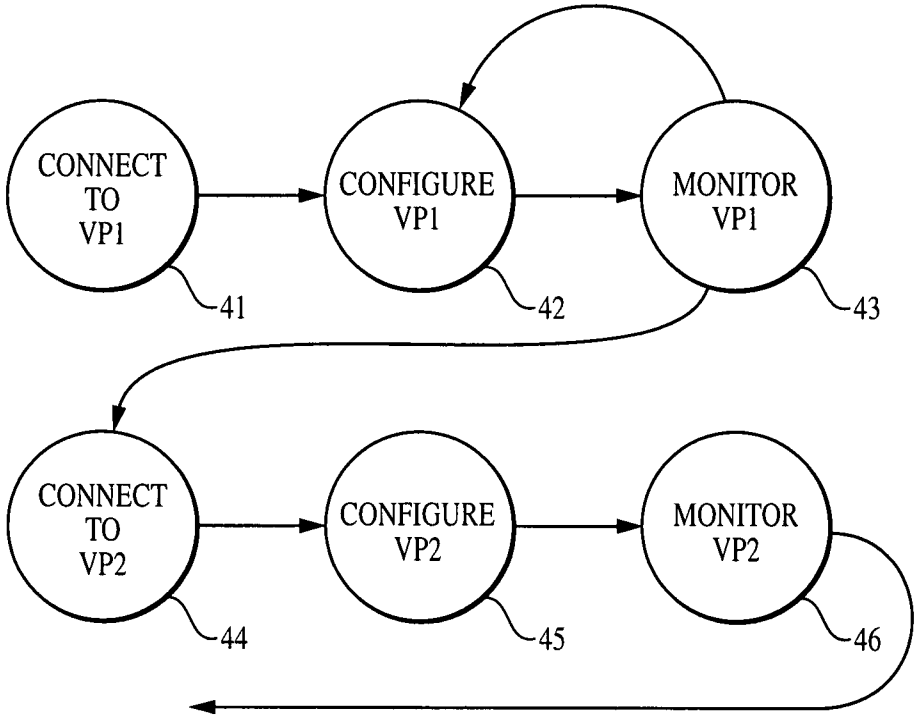
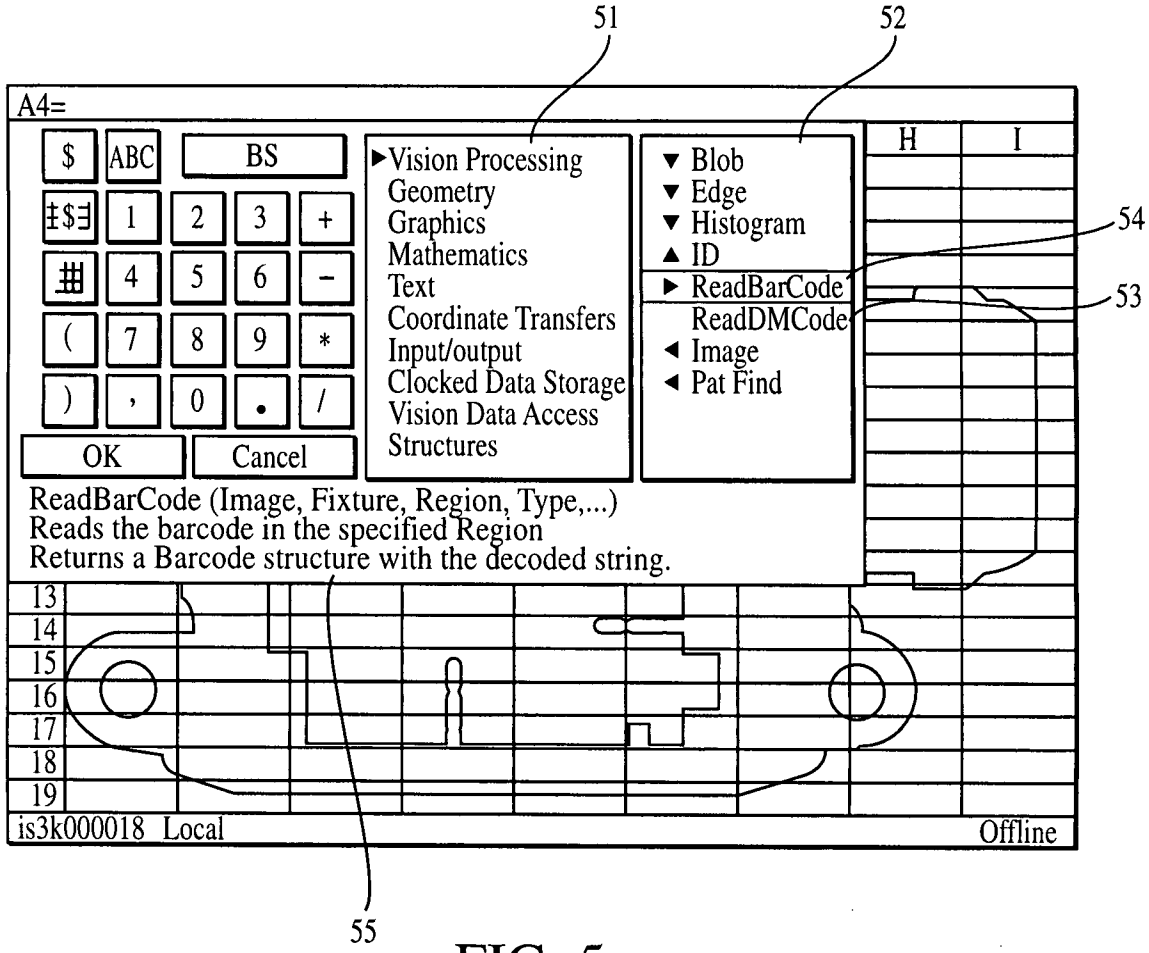


FIG. 4
PRIOR ART


51
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A4=
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ABC
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(
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9
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)
,
0
.
/
OK
Cancel
▶Vision Processing
Geometry
Graphics
Mathematics
Text
Coordinate Transfers
Input/output
Clocked Data Storage
Vision Data Access
Structures
▼ Blob
▼ Edge
▼ Histogram
▲ ID
▶ ReadBarCode
ReadDMCode
◀ Image
◀ Pat Find
54
53
H
I
ReadBarCode (Image, Fixture, Region, Type,...)
Reads the barcode in the specified Region
Returns a Barcode structure with the decoded string.
13
14
15
16
17
18
19
is3k000018 Local
Offline
55

FIG. 5

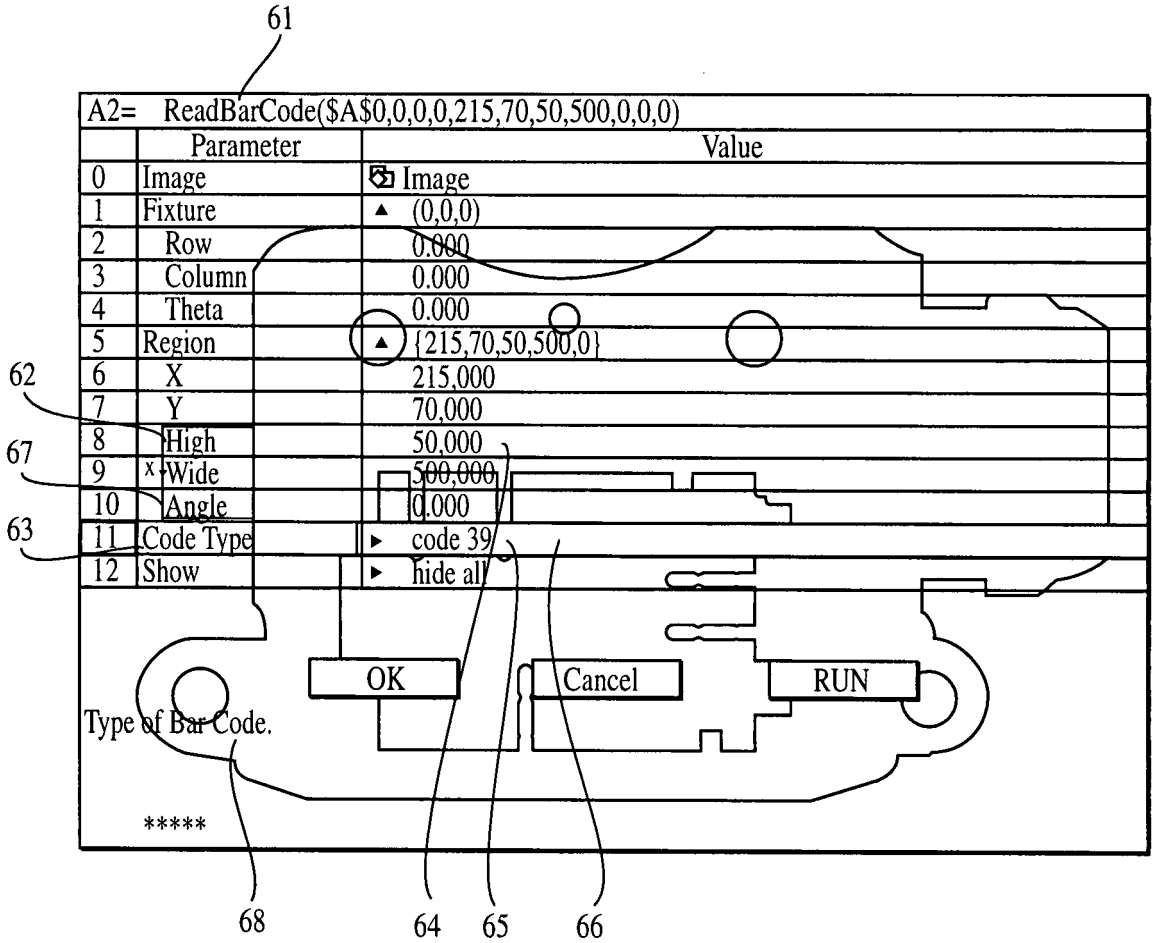
61
A2= ReadBarCode(A0,0,0,0,215,70,50,500,0,0,0)
Parameter
Value
0 Image
Image
1 Fixture
(0,0,0)
2 Row
0.000
3 Column
0.000
4 Theta
0.000
5 Region
{215,70,50,500,0}
6 X
215.000
7 Y
70.000
8 High
50.000
9 Wide
500.000
10 Angle
0.000
11 Code Type
code 39
12 Show
hide all
62
67
63
OK
Cancel
RUN
Type of Bar Code.
*****
68
64
65
66

FIG. 6

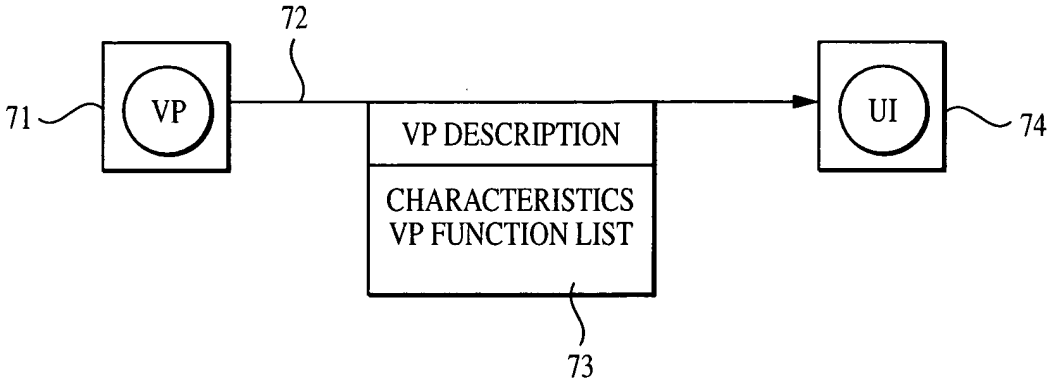
72
71
VP
VP DESCRIPTION
CHARACTERISTICS
VP FUNCTION LIST
73
UI
74

FIG. 7

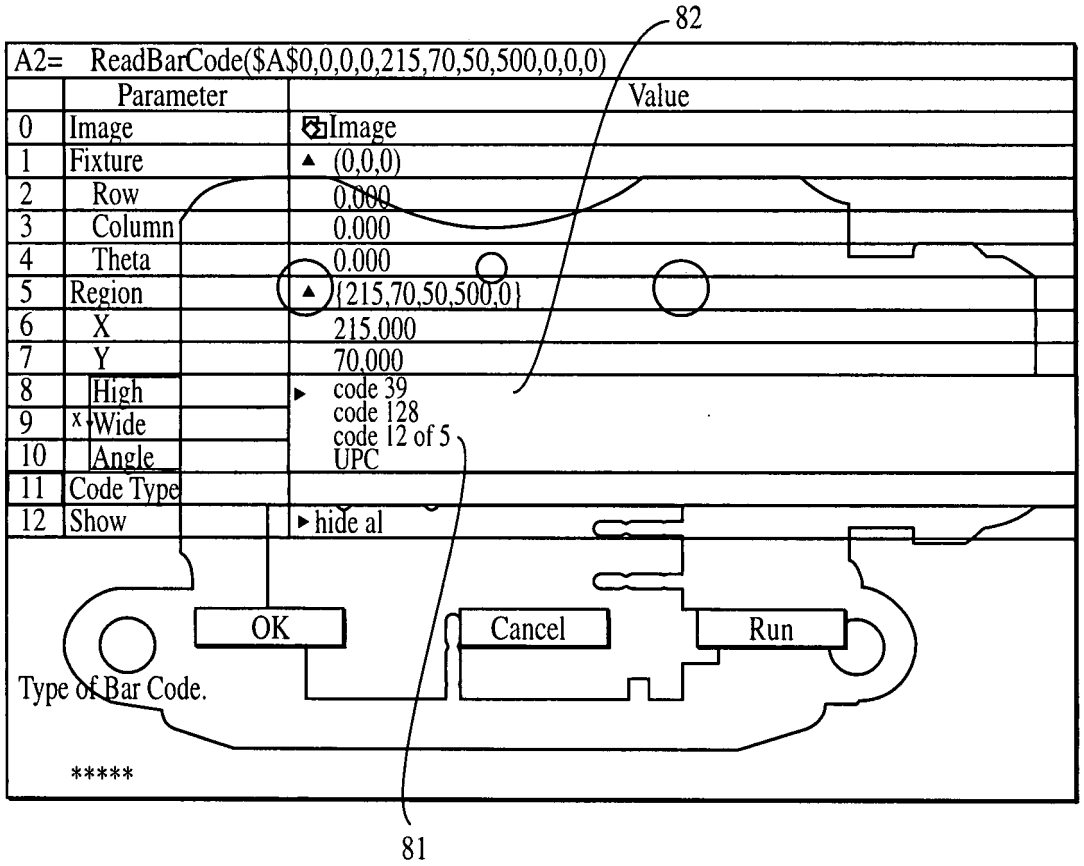
82
A2= ReadBarCode(A0,0,0,0,215,70,50,500,0,0,0)
Parameter
Value
0 Image
Image
1 Fixture
(0,0,0)
2 Row
0.000
3 Column
0.000
4 Theta
0.000
5 Region
{215,70,50,500,0}
6 X
215.000
7 Y
70.000
8 High
9 Wide
10 Angle
code 39
code 128
code 12 of 5
UPC
11 Code Type
12 Show
hide al
OK
Cancel
Run
Type of Bar Code.
*****
81

FIG. 8